WWARA THE COORDINATOR

OCTOBER 1990

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* THE WESTERN WASHINGTON AMATEUR RELAY ASSOCIATION  *
*   SERVING REPEATER OWNERS AND USERS SINCE 1976    *
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** BOARD OF DIRECTORS, 1990 **

POSITION	NAME	CALL	PHONE
Chairman	Clay Freinwald	K7CR	939-1414
Vice Chairman	Steve Mayes	KA7PMC	232-1901
Secretary/Treas.	Jon Marcinko	W7FHZ	839-7688
Representative #1	VACANT		
Representative #2	Bob St Andre	WA7NAN	746-6217
Representative #3	Don Rose	W7JPH	362-3240
Representative #4	Mark McKibbin	WR7V	483-6999

** COMMITTEE CHAIRMEN **

Technical	VACANT		
Membership	Steve Mayes	KA7PMC	232-1901
FCC Liaison	Gib Gibson	W7JIE	226-4222
Coordinator Editor	Clay Freinwald	K7CR	939-1414
10 & 6 Meters	Clay Freinwald	K7CR	939-1414
2 Meters	The Board of Directors		
220 MHz	Peter Dahl	WA7FUS	778-3581
440 MHz	Jon Marcinko	W7FHZ	839-7688
900/1200	Mark McKibbin	WR7V	483-6999
Packet Systems	Bob Donnell	KD7NM	364-6222

Please feel free to contact your WWARA officials at any time for additional information about the Association. The COORDINATOR is published 6 times a year and is mailed to all parties having a WWARA coordinated system as well as those whom are paid USER members.

Dues are $10 per calendar year.

Address all formal correspondence and requests for coordination to:

Western Washington Amateur Relay Association
32521 107th Ave S.E. Auburn, Wa. 98002

>>> **Meeting Notice !!! Meeting Notice !!! Meeting Notice !!! Meeting Notice !!!** <<<

WHAT ..... BOARD AND COMMITTEE CHAIRMEN MEETING

WHERE ..... OMNI RESTAURANT, 4701 SOUTH 188TH, SEATTLE

WHEN ..... THURSDAY OCTOBER 4, 1990

DIRECTIONS ..... THE OMNI IS LOCATED ON THE SOUTH SIDE OF 188TH ST JUST WEST OF INTERSTATE 5. IF YOU GET LOST THEIR PHONE # IS 246-3283.

The Treasurer will be available at 7:00 PM for payment of dues, the meeting will being, promptly at 7:30 PM.

Per previous meetings at this location, the WWARA will pick up the tab for the coffee ONLY!! You are welcome to come early and eat dinner or eat during the meeting. All Board Members Committee Chairmen and those parties having an interest in matters to be discussed should be in attendance. The meeting is open to anyone interested in the business of the Association. Agenda items are, but are not limited to the following:

1. Appointment of a replacement for John Miller who resigned.

2. Cross band repeater systems.

3. Review of SNP procedures. (Again)

4. Review of Packet Meeting.

5. Review of Regional Coordinators Meeting.

6. Do we want a nominating committee?

7. A look at the structure of NARCC

8. Other items from the floor

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MINUTES - AUGUST 4TH MEETING - RIVERSIDE INN

The meeting was called to order by Chairman Clay Freinwald - K7CR at 10.:03 AM. Introductions were made around the room. Those present who signed the roster include;

Clay Freinwald, K7CR	Don Rose, W7JPH
Mark McKibbin, WR7V	Wayne Moddison, K6DOW
Nancy McKibbin, KB7BJE	Peter Dahl, WA7FUS
John MacDuff, KA7TTY	Jack Berrell, KB7ZS
Herman Entz, K7PAG	Steven Mayes, KA7PMC
Pete Policani, K7PP	Ken Koster, N7IPB
Bob St Andre, WA7NAN	Claude Anderson, AB7G
Tom Freinwald, KB7IKH	Bob Donnell, KD7NM

Clay's first discussion was on the late newsletter. He inquired whether or not the newsletter should be printed and mailed without the incorporation of the minutes from the last meeting. Herman, K7PAG, commented that the newsletter should be mailed regardless, those present also agreed.

(cont. next page)

Several news announcements were made by Clay regarding radio and repeater happenings around the country. Clay called for other news/announcements, none heard.

A motion was entertained to approve the minutes. Don Rose, W7JPH asked that the following correction be made:

Item 2, under corrections be amended to read;

2. Under the first item of old business, in item 1, Race Horse Mountain is near the town of Kendal, not Lynden as previously reported (this mountain may also be Slide Mtn)

The motion was seconded by K7PAG and was carried.

The Treasurers report was not available as the Treasurer was not in attendance. Clay noted that there were several outstanding bills which needed to be paid and there was money to accommodate them.

Clay addressed adjacent area activities.

The first topic was the upcoming regional coordinators meeting which is the WWARA's turn to sponsor. After some discussion a date of September 29, 1990 was set for the meeting. Clay agreed to send both PRARFCA and ORRC letters inviting them to the meeting.

Also addresses was a request by PRARFCA to co-channel on 147.78 in Comox B.C. They have had their repeater on the air for several weeks testing. Don Rose indicated that they have not heard or have had any interference with their operation. Clay asked Don to contact and coordinate with Bob Smits of PRARFCA.

PRARFCA, Bob Smits asked for packet coordination information. KD7NM indicated that he would forward all packet coordination information, past and future to PRARFCA.

No reports or correspondence was heard from ORRC. Some concern about the apparent vacuum was extended as there are several issues hanging regarding the operation of a repeater, 145.15, supposable coordinated by ORRC but operating in WWARA boundaries.

No reports from Eastern Washington.

Under committee reports, Clay reported that 10 and 6 meters is quiet. 53.29 moving to Buck Mountain and now requires a 103.5 Hz tone for access.

No new 2 meter news.

Peter, WA7FUS, reported that N7JTQ is now testing a proposed repeater on 224.92 in the Mountlake Terrace area.

440 - It was reported hat for the last several weeks an ATV signal was being transmitted continuously from the Maltby area on 439.225 and was moved to 434.000 and is still on the air.

900/1200 - WR7V reported that there will be a new 1.2 GHz repeater on the air soon from Tiger Mtn. The repeater is sponsored by KB6PCM, Chuck Robertson.

[cont. next page]

As an item of interest to 900 MHz enthusiasts, two new RF generating products have been announced to compete with the 900 mhz band. A wireless TV transmitter by Vidicraft out of Beverton and a remote meter reading device. This in in addition to a computer local area network already being marketed. Both the meter reading and LAN device are licensed for 1 watt of energy.

BUSINESS ITEMS:

An inquiry was made if Mr Black and the Bellingham group had their repeaters up and running yet, they had not.

The 145.15 repeater issue was discussed. Clay reported that Jon had written WA7HSJ, Fred Allman requesting further discussion. However, Mr Allman had yet to respond. Clay noted that it would be nice to hear from him.

Packet Coordination - Bob St Andre, WA7NAN, asked that a separate meeting be called to continue the study of packet coordination problems. A date of September 13, 1990 at 7 PM was set. Bob Donnell of NAPRA agreed to make the arrangements for the OMNI restaurant in Tukwila. Clay asked Bob, WA7NAN to chair the meeting.

Under new business, Clay read a letter from Pete Policani regarding problems with another repeater operated by Fred Allman, WA7HSJ operating on 147.20. Pete further explained that Mr. Allman's repeater is causing hetrodyning and rendering his repeater unusable in portions of South King County. He continued to explain that he has determined that Mr Allman has moved his repeater without coordination from Doug Rider and has failed to respond to his inquiries.

After much discussion regarding Mr Allman's lack of cooperation the membership asked Clay to draft a letter to Mr Allman asserting the need for his systems to be coordinated and informing him of the interference his system is causing. Mark, WR7V, agreed to help Clay with the letter.

Wayne, K6DOW, presented a chart indicating the new 2 meter band plan for the groups review and comment. The chart was well received by members but it was noted that that WWARA was not in a position to endorse the specific use of any frequency outside of the normal repeater sub-bands. Bob, WA7NAN, suggested that Wayne's group continue and coordinate their research and publish it. Clay Suggested the possibility of using a computer bulletin board as a clearing house for information on simplex frequencies.

The last item of business was a discussion about cross band repeaters, specifically one by KC7FN. KC7FN operates a 220 repeater which has a 2 meter intertie on an SNP frequency. This system apparently allows a carrier operated signal on 144.69 to be automatically retransmitted on 220 mhz but not on 145.29. Upon completion of the 2 meter transmission the 220 repeater sends an acknowledgment tone and ID on 145.29. Re-transmission on 145.29 from 220 is accomplished by selecting a PL tone on 220. While the membership was not unanimous it expressed concern that:

1. Transmissions on the SNP frequencies without tone protection should not generate a corresponding response from the cross band repeater.

2. 220 should not "dump" on to a frequency.

3. A lock out receiver should be employed to protect 145.29.

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Clay asked that Peter, WA7FUS, work with the KC7FN group and inform them of the WWARA's concern.

Being no further business the meeting was adjourned at 12:12 PM.

Respectfully submitted, Mark McKibbin, WR7V, recording secretary.

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WWARA SWAP SHOP [Open to all WWARA members]

FOR SALE.... Rohn 65 G tower, complete. 4-20 ft sections, 1- 10 ft top section, base section, guy wire, anchors, turnbuckles, bolts. Great for that big HF array or for mountain top duty. Had to take it down, new location will not permit guyed tower, self supporting only. Want to sell or trade for ???? call me and let's talk. Clay Freinwald, K7CR. Day work phone 1-800-543-0097 from anywhere in Washington, evening home phone 939-1414.

Got something for sale - looking for an item, put it here, in your newsletter. Please Amateur repeater related items, please.

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THE CHAIRMAN'S CORNER

Editorial comment from Clay Freinwald, K7CR

A number of things have come up this month that deserve our attention...allow me to share some of my thoughts on these subjects...

IS THE WWARA AN ENFORCEMENT AGENCY??

I received a letter the other day from a party expressing his concern about the operation of a carrier operated system on one of our 2 meter SNP frequencies. This party stated in his letter...."request that you take what ever steps necessary to shut the offender down or make them comply with the rules"

Needless to say this is pretty strong language from a person who was quite upset. The problem is that the WWARA, nor any Amateur Radio Frequency Coordinator that I know of, has the authority to ENFORCE its policies.

Perhaps we should fade back and take a look at just what Coordination is based on. In my view, coordination, and the WWARA, is simply a group of parties that have concluded that by MUTUAL COOPERATION we can better enjoy what the FCC has given us. As a result of this cooperation we have established a number of guide lines over the years that are used to guide us in the various decisions we make. As we have moved along we have encountered various situations that resulted in written policies and have been incorporated into what is know as the WWARA POLICIES STATEMENT.

When one of these Policies has not been followed (for what ever reason) somebody suffers...gets upset...feels violated...writes letters...calls the Chairman on the phone etc etc. A natural reaction.

In most cases this person wants the WWARA to "DO SOMETHING!!!!" The question is simply what can we do?? Sometimes complaining parties are dismayed at the WWARA's apparent inability to immediately solve the problem. Let's, in that light, take a look at what we can do...

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IS THE WWARA AN ENFORCEMENT AGENCY??

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First of all we must understand that the WWARA's success in the area of policy compliance must come from the willingness of all parties involved to work WITHIN the system. Every once in a while somebody comes along that does not follow the "rules". We have to understand, that though its desirable that everyone follow them, it is NOT REQUIRED by anyone!! If a party determines that they want to be a nurd or troublemaker or simply does not desire to play by our rules they can!!! We cannot impose our rules on anyone that does not desire to follow them!!

If the party is not violating FCC rules or other laws of our land the WWARA is faced with a couple of things it can do...

1. Make an effort to get the party to understand our position.
2. Try and get the party to participate WITHIN the system.
3. Try and understand their position to determine if our policies are reasonable or should be changed.
4. Use peer pressure.
5. (insert your items here.....)

The bottom line is simply this, the success of the WWARA is determined by the participation of those that enjoy this aspect of Amateur Radio. The greater participation the greater the chance for success.

I am dismayed at times with the lack of attendance at our meetings, the attitude of "lay back and let THEM do it". If the WWARA is going to be successful, not only do we need the participation of those that might desire to operate outside of our policies or guidelines, but we MUST have the participation of those that operate on the inside to make sure that we are indeed speaking for the majority. When was the last time you attended a meeting?? Is the WWARA more likely to represent your interests if you don't attend??? Perhaps it time for you to re-think your level of participation.

CROSS BAND REPEATERS, ETC.

We have a new breed of gizmo on the market, the latest in rice box gadgetry, the instant cross band repeating device. It seems that the Oriental equipment makers are all trying to out do each other with their offerings and now have embarked on a campaign to put cross band operation into the hands of all of the country's hams.

This promises to cause a lot of grief for coordinators. When ever a device will automatically re-transmit on one band what it hears on another we have a CROSS BAND REPEATER!! A number of folks have been trying to come up with other names for these critters; Remote Base; Cross band link; etc.etc. Sorry, it's a repeater.

There are some applications for these to be certain. Carry one hand-held and talk via your car on another band (vehicular repeater),etc., etc.

When these devices are operated on a persons property they can be called auxiliary stations, but what happens when other folks use this hardware? What then?

When they are used on repeater systems whose owners have said, "that's fine with me, that's great", but what happens when they show up on your coordinated repeater frequency, WITHOUT COORDINATION? What then?

Where are those that desire to link systems from one band to another going to operate (reference the KC7FN matter talked about in the last meeting)?

Are these things going to share the frequencies that we have coordinated to others for different uses?

Are these things going to use unique spectrum? If so, where is it going to come from?

As you can see we have some decisions to make and your input is required.

WHY I AVOID VERBAL THINGS (My last item, is continued next page)

WHY I AVOID VERBAL THINGS ..K7CR

The other day I received a phone call from a party that was upset about a matter (Carrier operation on 145.29). I listened to what he had so say and then suggested that he 1) put his feelings in writing or 2) attend the upcoming meeting. He indicated that this was not his desire. He wanted to handle the matter via phone. I explained my reluctance to handle business this way but thanked him for the information.

A couple of days later I received a short note from this party expressing their dissatisfaction with the WWARA. I called them and here is what developed...

This party felt it cumbersome to have to write letters or attend meetings and desires to express his views via telephone.

I explained that I have been burned by using telephone calls in WWARA meetings and have adopted a policy of asking anyone calling to put it in writing or attend the meeting to express their views.

Now don't get me wrong, I always am available to discuss any WWARA matter on the phone. HOWEVER, I will not relay this information on to others for a couple of reasons. (1) I have no proof that you called and that I'm quoting you with 100% accuracy. 2) I don't have anything to put in the hands of of the other Board members. 3) Technically this is called "hearsay" and finally 4) in puts your position at a severe disadvantage compared to others that might have a different opinion, who have submitted a written position or who may be in attendance at a meeting. As Chairman I don't desire to be put into the position to arguing for any particular member.

I explained this to the party involved and I sincerely hope that he understands where I'm coming from. I thought that it might help if you all heard it.

I suggested that if the party insisted on making his feelings known via telephone the best thing he could do is to call all the Board members and make his feelings known.

The basis of my thoughts here are simple. I want each and every member of the WWARA to be able to exert the same amount of influence on the outcome of any decision we might make. Being present at the meetings is the best way to do just that.

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TWO SINS DON'T MAKE A RIGHT

(Westlink Report)

Thomas M Haynie, WB4PVK, of Virginia Beach, Va. has been indicted by a grand jury in the Eastern District of Virginia, charged with three counts of unlicensed operation of a satellite uplink. Haynie is 30 and holds and advanced class license.

The indictment alleges that on Sept 6, 1987, Haynie was the uplink operator on duty at the Christian Broadcasting Network facility in Virginia Beach. On three separate occasions an electronically generated video test message completely captured programming carried on two satellite transponders - one each on GE Satcom IV and GTE Spacenet I. The government intends to try and prove that it was Haynie's actions that jammed feeds of The Playboy Channel. If convicted Haynie faces prison and heavy fines.

ED NOTE: Too bad that you have to jam a Satellite to have the book thrown at you...a little of this kind of action on the local level as we'd all be able to sleep better at night...cf.

In the mean time.....

US Marshals and engineers from the Kansas City office have seized 31 pieces of illegal radio equipment from three Citizens Band radio operators.

The three, all Missouri residents, were found to be operating on government frequencies using illegally modified equipment. Two of the three have been order to pay fines of $2000 while the third will have to pay $1000 to avoid any further punitive action.

The equipment seized was valued at $3000.

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VE EXAMINATION SCHEDULE FOR THE PUGET SOUND AREA ..(RCT Loggers Bark)

1st Saturday	10 AM	North Seattle CC, Room 3343, 9600 College Way North, Seattle - Mike Mitchell, W7WHT, 282-1438
2nd Friday	7 PM	Shoreline Senior Citizen Center, 835 NE 155th Seattle - Bob Rogers, WN7V, 788-3129
2nd Saturday	9 AM	1st Presbyterian Church, Rockefeller and Wall, Everett - Loren Hole, KK7M, 355-2141
2nd Saturday	10 AM	Riverside Inn, Interurban Ave, Tukwila Mary Lewis, W7QGP, 523-9117
3rd Tuesday	7 PM	Auburn Fire Station, 1101 D St NE. Auburn Henry Heritage, NK7E, 474-6145
3rd Saturday	1 PM	Good Neighbor Center, 305 South 43rd, Renton Mike Dinkelman, WA7UVJ, 854-4031
3rd Saturday		Every 4th month, in Aberdeen Nick Bender, NX7W, 249-4671
4th Saturday	930 AM	Olympic College, Room T-111, Bremerton Dave Brooks, 876-3120
Quarterly	10 AM	Radio Club of Tacoma, 1249 South Washington Jerry Seligman, W7BUN, 845-7652

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1990 CALENDAR ITEMS, MARK YOUR CALENDAR!

Sept 22-23 Walla Walla Valley ARC Hamfest, Milton Freewater, Or.

Thursday October 4, 1990, 7:00 PM, WWARA Board Meeting at the Omni

Saturday December 1, 1990, 10 AM, WWARA General Business meeting and election of officers.

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INVITATION FOR NEWS ITEMS

Your editor would like to have news items about your repeater system for inclusion into the Coordinator. If you have installed a new controller, antenna, have a regular meeting of your group, please share with the rest of us....

Drop a note to the WWARA and we will take it from there, or you can give me a call with the information or if you'd like you can FAX it to the editor at 623-7677.

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W7FHZ 6 METER REPEATER MOVES WEST ..K7CR

Jon Marcinko, W7FHZ, has moved his 6 meter repeater from East Tiger Mountain West across the Sound to Buck Mountain, near Quillcene. The 53.29 machine, one of the areas oldest repeater systems, is now operated PL only using 100 and 103.5 Hz tones. The system joins the WA7WKT UHF machine at the almost 4000 foot site.

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MT BAKER REPEATER OPERATIONAL

According to a Green Sheet filed by Jim Kaufman, W7UMH, the new MBARC repeater on Racehorse Mtn is now on the air and operational on 145.23. This is a new system and a new site for a 2 meter repeater in our area. The site located 6 1/2 miles SE of Glacier is designed to provide unique 2 meter coverage. According to the Technical Data form mobile coverage is from Everett North to lower B.C. and West to Port Angeles and East to the Mt Baker ski area. Access is by 103.5 Hz. They will share the frequency with an system owned by W7HIL in Bellevue.

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TWO METERS SAVES A LIFE ..(Weslink)

When a high-tech state of the art 800 MHz trunked commercial radio system was unable to provide communications in rugged terrain, two meter FM and a local Los Angeles repeater were able to provide communications that saved the life of an injured bike rider.

The incident occurred on August 15th when Phillip Conzolas, N6BN; and Michael Judd, N6OJW, were walking along the Hollywood Reservoir in the hills overlooking the Los Angeles basin, the two hams came on the scene of a pair of injured bicyclists.

One, identified as David Arnold, had suffered a fractured skull and appeared to be in critical condition.

Once it was determined that the Los Angeles Fire Department paramedics and rescue personnel were in route, operators Judd and Conzales readied the Baldwin Hill, WA6TFD repeater to handle priority traffic.

Judd was phone patching the injured cyclists families to apprise them of the situation while Gonzales was busy coordinating the names and telephone numbers of those involved.

Its was during this phone patching that Capt. Shrewsbery of the LAFD came to Judd for assistance in communications.

Captain Shrewsbery explained that the extensive 800 mhz Fire Department radio system was unable to provide communications in this part of the Hollywood hills.

So the 2 meter hand held of N6OJW was pressed into service to dial the emergency 911 number, enabling paramedics to advise hospital emergency room personnel of the needed advance preparation to handle Arnolds injuries.

As the victim was being airlifted to Childrens Hospital in LA. paramedic Greg Stanton told Judd sometime he will probably never forget: "Seconds counted, and you just saved that kids life."

There is an ironic twist to this story, Injured cyclist Richard Arnold just happens to be the son of radio amateur Dick Arnold, W6RNP.

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FCC DENIES PART 97 RULE CHANGES ...ARRL Letter

The FCC has denied a number of requests for changes in the Part 97 rules, recently, here are a couple of interest

The Commission denied a request from David Popkin, W2CC, for permission for amateurs to re-transmit time signals and weather information, as well as requests to clarify certain Part 97 language.

A request to Karl Pager, N6BVU, that Part 97 be amended to show Amateur Radio as the primary user of the 220-225 MHz band was denied because land mobile proceedings concerning parts of that band are un-completed.

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ARRL BOARD ACTS ON REPEATER MATTERS ...(ARRL)

The July 20-21 meeting of the ARRL Board a number of items effecting our area of the hobby were discussed:

In the area of the privileges for the Communicator class of license the Board felt that Frequency privileges for Communicator licensees should consist of all allocated Amateur frequencies above 220 (22-10) and Communicator licensees should be permitted to be control operators of repeaters and auxiliary stations on frequencies and at power levels authorized for operation by Communicator licensees. (22-12) There was an effort to permit Communicators operation on 2 meters but it was voted down (22-14)

In minute 37, Bill Shrader, NW Division Director and liaison to the VHF Repeater Advisory Committee (VRAC) presented the Committee's report. As a result of this the Board voted that the ARRL Repeater Directory provide a page upon which a map of the United States is drawn showing which states are using 15 or 20 KHz 2 meter band plans.

In minute 40, in what must be a crushing blow to the DX'ers of this world, the DX Advisory Committee report recommended that the Puyallup Tribe of Indians will not count as a new country.

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NEW TRANSCEIVERS ANNOUNCED BY THE MAJORS - (Westlink, K7CR)

If you read the editorial in this issue of the Coordinator, here is some additional information that "put the icing on the cake". Three of our major makers of Amateur Radio equipment have announced new models. Here are SOME of the features of these new offerings.

ICOM'S latest dual band Fm transceiver has something for everybody. The IC-3220H boasts a whopping 45 watts out on 2 meters and 35 watts on 70cm. Its sister unit, the 322A, runs 25 watts out on both bands. A built in duplexer for single antenna operation, CROSS BAND REPEAT CAPABILITY.....

YAESU USA has announced, the new AD-3 antenna duplexer allows full duplex VHF/UHF CROSSBAND OPERATION with a single antenna. More than 55 db isolation is claimed, allowing the amateur to run as high as 100 watts while still receiving on the other band.....

The first of a new breed of Tri-band VHF/UHF FM transceivers is here thanks to KENWOOD! The company's new TM-941A lets you operate 144, 450 and 1200 MHz with one radio in simplex, simplex repeat via a repeater, full duplex, CROSS-BAND OR EVEN TRIPLE BAND REPEAT!!

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NARCC PRODUCES REPEATER DIRECTORY ...K7CR

Amateurs traveling to Northern California might want to pick up a copy of the latest NARCC repeater directory. This 32 page booklet contains listing of repeater systems in that area from 29 through 1200 MHz as well as copies of the coordination procedures and technical standards use in that area. For more information...Write to the NARCC at P.O. box 60531, Sunnyvale, California. 94088

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220 UPDATE ...(Westlink/ARRL)

On July 27th, the American Radio Relay League filed its latest legal brief with the US Court of Appeals for the District of Columbia in the matter of the proposed reassignment by the FCC to land mobile services of the 220-222 mhz amateur allocation.

The brief restates the League's strong opposition to the re-allocation of the band. Oral arguments in the case are scheduled for November 16th.

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A NEW WAY TO LEARN THE CODE? ...(ARRL Letter)

Are you stressed out over the Morse Code?? Would rather sleep? PASS Publishing (P.O. Box 570 Stoney Brook N.Y. 11790) has announced hypnosis tapes for learning the code, increasing speed, even mastering those special techniques DXers and contesters use without even having to turn on a radio or even get a license.

According to PASS, CW is stressful, while learning as you sleep "induces relaxation". Using the CW Lite tape for learning the code will "bypass the critical thinking of your waking consciousness and directly affect the how you feel about learning the code". CW Mental Block Buster is for those hard core cases who have given up, and Contest Code promises higher speeds and "the essentials for working DX and contests".

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BILL SHRADER APPOINTED TO POST ...(ARRL Letter)

ARRL NW Division Director Bill Shrader, W7QMV, has been named to the ARRL Planning Committee. The committee's make up, originally ARRL officers only, was recently broadened to allow inclusion of directors and vice directors. Vice President Rodney Stafford, KB6ZV, chairs the committee, whose mission is to draft a recommended long-range plan for the League. Bill is also Board Liaison to the VHF Repeater Advisory Committee.

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PLUMB CRAZY IS OFF THE AIR ...(ARRL Letter)

On July 6, according to the Oakland California Tribune, FCC personnel and US Marshals, armed with a civil order, nabbed five modified CB radios and two linear amplifiers from Plumb Crazy's (whose real name is Harvey Peters Jr.) home. FCC rep. Amy Freundlich said, according to the Tribune, that "the federal raiding party carted the equipment out of Peter's home to the congratulations of neighbors. He faces fines of $1200.

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CALL SWAP POSSIBLE ...(ARRL Letter)

Are you unhappy with your call sign?? While it is not possible to request a specific call, any amateur may swap his current call for another one. This little used option is available by filing with a form 610 and requesting a change in call sign (Item 2E). In return, the applicant will be issued a call appropriate for his license class, from the standard rotation of new calls.

PACKET COORDINATION

A meeting was held on September 13, 1990 at the OMNI restaurant to discuss packet coordination issues. Those present were:

Ken Koster N7IPB
Bob St Andre' WA7NAN
Claude Anderson AB7G
Jon Marcinko W7FHZ
Mark Mckibbin WR7V
Nancy McKibbin KB7BJE
Gibb Gibson W7JIE
Bob Donnelly KD7NM

Bob St Andre WA7NAN called the meeting to order at 7:14 pm. Bob started off the discussion with a history of what had happened in packet coordination during the last few years. As a note: Packet coordination was turned over to NAPRA with a block of frequencies from the WWARA in April 1989.

The discussion continued regarding various problems that have arisen as a result of the packet community growing rapidly and changing. The WWARA is concerned that packet coordination needs to be done with RF and neighborhood interference in mind. The NAPRA members present share these concerns, adding that they have had problems with individuals assigning themselves a frequency and causing problems for many others. NAPRA also feels that they do not have the same recognition as a coordinating body that WWARA has.

More discussion was heard on specific examples of problems and Gibb was consulted for FCC clarification. While these issues were of great concern to all, the group agreed to save them until we had a better direction on who would actually be coordinating packet and by what standards.

The discussion moved on to who should actually be coordinating packet and to what standards. The board members from both groups in attendance agreed in principal that the WWARA should be the packet coordinating body and that both the NAPRA and WWARA boards should appoint official representatives to mediate and come up with specific recommendations on packet coordination.

Bob Adjourned the meeting at 9:10 pm. The next meeting is to be scheduled after the NAPRA and WWARA board meetings where the representatives will be appointed.

A special note of thanks to Bob Donnelly for sending out meeting reminders to both organizations.

Respectfully submitted,
Nancy L. McKibbin KB7BJE
Assistant to Secretary

TREASURERS REPORT

The following is the treasures report missing from the August meeting:

Previous Balance	$707.72
Previous Bank Chgs	<22.08>
Postage July/Aug	<90.00>
Income from dues	300.00

New Balance	$895.64

The treasurer reports that the all the outstanding bills are now current.

* * WWARAA REPEATER TECHNICAL DATA FORM * *

Date:_____

[ ] Request for Coordination [ ] Update of System Parameters

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Input Frequency_____ Output Frequencies_____
Associated Control Frequency_____

==========

Owners/Sponsors Name_____
Repeater call_____

==========

City identified with Repeater_____
Geographical description of area served_____
_____

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Repeater Transmitter Site Name_____
Site Owner_____
Exact Location_____
Coordinates: Lattitude_____° Longitude_____°
Elevations: Height above sea level_____ft.
Height above average terrain_____ft.
Height above ground level_____ft.

==========

Non Directional Antenna Power Gain in db._____

- -

Directional Antenna Power Gain in Lobe in db._____ Null in db._____
Half Power Beamwidth of Lobe in Degrees_____°
Bearing of Lobe in Deg._____° Bearing of Null in Deg._____°

- -

Transmitter power Output in Watts_____
Antenna Input power in Watts_____

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ACCESS

( ) O - Carrier Operated
( ) B - Burst_____Burst Frequency_____Hz.
( ) PL- CTCSS_____Frequency_____Hz.
( ) T - DTMF_____Turn on_____ Turn Off_____
( ) W - Whistle_____Frequency_____Hz.
( ) C - Close Private Repeater

SPECIALIZED FEATURES

( ) A - Autopatch, Area_____
( ) CA- Closed Autopatch, may be used with authorization.
( ) Z - Direct Access to Law Enforcement.
( ) E - Emergency Power
( ) L - Linked or Crossbanded, to_____
( ) P - Portable
( ) R - RACES affiliated
( ) Y - RTTY/ASCII/Packet

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Contact Party for this Repeater:_____
NAME:_____ CALL:_____
Address _____
City_____State_____ZIP_____
Phone # _____Alternate #_____

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Mail this form to: WWARA
32521 107th AVE. S.E.
Auburn, WA 98002

W.W.A.R.A.
32521 107th Ave. S.E.
Auburn, WA 98002

SEATTLE, WA 981
PM
SEP 27
1990

WA 98072